

BSC Research Concept Review

Meeting of the National Toxicology Program Board of Scientific Counselors

National Institute of Environmental Health Sciences
Rall Building, Rodbell Conference Center
Research Triangle Park, NC

December 6, 2007

NTP Study Nomination: 2,2'-Dithiobisbenzanilide

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BSC Reviewer: Dr. James Popp

1. Is a clear and valid rationale for the proposed research program articulated in the NTP research concept document?
 - The Research Concept document clearly indicates that results from the proposed studies will be used for making a future decision on the need for subchronic and long term toxicity studies.
 - The approach of determining the mutagenic activity and clarifying the metabolism in animals and humans before proceeding is strongly endorsed.
 - As in documents for several other chemicals, hard data on exposure is limited. However, the use in large volume manufacture and the presence of the chemical in consumer products is adequate to warrant concern and therefore future evaluation.
2. Is the proposed research program as outlined in the research concept document appropriate in scope given the public health importance of the issue or substance proposed for study? Are there other studies that should be considered as part of this research program?
 - The scope of the program is appropriate based on the current state of knowledge of toxicity. Specifically the stepwise approach to understand animal to human metabolism before proceedings is appropriate.
 - No other studies are warranted at this time.
1. Does the proposed research program address an important area of biomedical research (e.g. children's health, genetic susceptibility, specific environmental disease) and/or advance the field of environmental health sciences?

- The proposed research addresses basic information required to make a decision whether to proceed with further toxicity evaluation and how to proceed if additional toxicity evaluation is undertaken.
3. Does the proposed research program merit utilization of NTP resources, and if so, what priority (low, moderate, or high) should it be given?
- The proposed research warrants utilization of NTP resources to the degree outlined in the Research Concept document. The priority is ranked as "high".
 - Whether future use of resources would be appropriate must await the results of the currently proposed studies.

Reviewer's Signature: -

Date: November 28, 2007